

Amendment to the Claims:

The following listing of claims replaces all previous versions and listings of claims:

1. (Currently Amended) An apparatus of driving a light source for a display device, the apparatus comprising:

an electricity supplying unit supplying electricity to the light source;

a current sensor detecting a current outputted from the electricity supplying unit; and

a light controller controlling the electricity supplying unit based on a signal from the current sensor and a dimming control signal from an external device;

wherein the electricity supplying unit comprises a transformer including a primary coil and a secondary coil and applies a voltage induced in the secondary coil to the light source; and

wherein the current sensor is directly connected to the secondary coil of the transformer and senses a current in the secondary coil of the transformer; and

wherein the light source is directly connected to the secondary coil.

2. (Previously Presented) The apparatus of claim 1, wherein the light controller controls a switching unit in a pulse width modulation manner based on the dimming control signal and the signal from the current sensor.

3. (Previously Presented) The apparatus of claim 1, wherein the light controller determines an overcurrent in the light source based on the signal from the current sensor and turns on/off a switching unit based on the determination of the overcurrent.

4. (Canceled)

5. (Previously Presented) An apparatus of driving a light source for a display device, the apparatus comprising:

an electricity supplying unit supplying electricity to the light source;

a current sensor detecting a current outputted from the electricity supplying unit; and

a light controller controlling the electricity supplying unit based on a signal from the current sensor and a dimming control signal from an external device;

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wherein the electricity supplying unit comprises a transformer including a primary coil and a secondary coil and applies a voltage induced in the secondary coil to the light source;

wherein the electricity supplying unit further comprises:

a switching unit switching an input voltage from an external device under the control of the light controller; and

an oscillator generating an AC voltage based on the input voltage from the switching unit and supplies the generated AC voltage to the primary coil of the transformer;

wherein the current sensor is connected to the oscillator and senses a current in the oscillator.

6. (Previously Presented) The apparatus of claim 5, wherein the current sensor comprises a capacitor and a diode connected in parallel between the electricity supplying unit and a predetermined voltage and a voltage divider connected to the capacitor and the diode and to the light controller.

7. (Previously Presented) The apparatus of claim 5, wherein the light source includes a fluorescent lamp.

8. (Original) The apparatus of claim 5, wherein the light controller controls the switching unit in a pulse width modulation manner based on the dimming control signal and the signal from the current sensor.

9. (Previously Presented) The apparatus of claim 5, wherein the light controller determines an overcurrent in the light source on the basis of the signal from the current sensor and turns on/off the switching unit based on the determination of the overcurrent.

10. (Original) The apparatus of claim 1, wherein the current sensor comprises a capacitor and a diode connected in parallel between the electricity supplying unit and a predetermined voltage and a voltage divider connected to the capacitor and the diode and to and the light controller.

11. (Original) The apparatus of claim 1, wherein the light source includes a fluorescent lamp.